

Converting Colors

CIELCh(52, 23.930, 341.903)

Have a look what the booklet for
CIELCh(52, 23.930, 341.903)
contains.

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Color

CIELCh(52, 24.136, 342.324)

Conversions

Conversions Part 1

Format	Color
Hex	9D6E89
RGB	157, 110, 137
RGB Percent	62%, 43%, 54%
CMY	0.3841, 0.5684, 0.4625
CMYK	0.00, 0.30, 0.13, 0.38
HSL	326°, 19%, 52%
HSV	326°, 30%, 62%
XYZ	24.0161, 20.1443, 26.3093
YIQ	127.1310, 19.3450, 18.3610

Conversions

Conversions Part 2

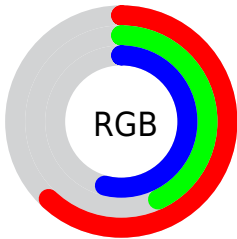
Format	Color
R_{YB}	157, 110, 137
Decimal	10317449
CIE Lab	52.00, 23.00, -7.33
CIE LCh	52, 24.136, 342.324
Yxy	20.1443, 0.3408, 0.2859
Android (android.graphics.Color)	4288507529 (0xFF9D6E89)
YUV	127.1310, 4.8654, 26.1951
Hunter-Lab	44.8824, 16.9690, -3.3371

Details

The CIELCh color $52, 24.136, 342.324$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 23.558, 157.272$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 24.013, 342.520$, and $32, 23.796, 342.911$ is the 20% darker color. If you saturate the color by 10%, you get $48, 32.122, 343.342$, and if you desaturate by 10%, it is $56, 16.005, 341.409$.

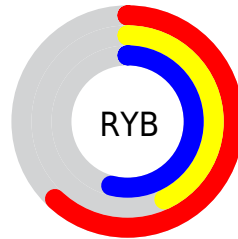
Distribution



Red (62%)

Green (43%)

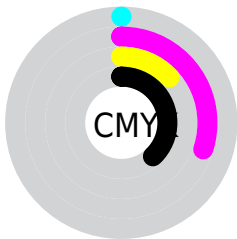
Blue (54%)



Red (62%)

Yellow (43%)

Blue (54%)

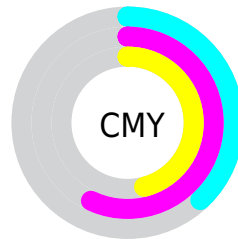


Cyan (0%)

Magenta (30%)

Yellow (13%)

Black (38%)



Cyan (38%)


Magenta (57%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 24.136, 342.324 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 52, 24.136, 342.324 by changing the saturation by 10% instead.


 52, 24.136,
342.324


 52, 24.136,
342.324


 100, 24.136,
342.324


 42, 24.136,
342.324


 72, 24.136,
342.324

 32, 24.136,
342.324

 82, 24.136,
342.324

 22, 24.136,
342.324

 92, 24.136,
342.324

 12, 24.136,
342.324

 2, 24.136, 342.324

 0, 24.136, 342.324

52, 24.136,
342.324

52, 24.136,
342.324

48, 32.122,
343.342

56, 16.005,
341.409

44, 39.720,
344.494

60, 7.906, 340.563

41, 46.596,
345.829

65, 0.053, 165.880

69, 7.809, 159.185

38, 52.360,
347.420

74, 15.331,
158.515

36, 56.629,
349.362

78, 22.608,
157.904

35, 59.150,
351.777


83, 29.641,
157.336

34, 60.318,
354.650

87, 36.441,
156.807

34, 60.327,

354.671

 92, 43.020,
156.312

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



52, 24.136, 342.324



61, 23.558, 157.272

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52, 24.136, 342.324



52, 24.136, 32.324



52, 24.136, 162.324



52, 24.136, 212.324

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



52, 24.134, 342.325



77, 8.864, 340.500



50, 28.544, 307.711



40, 6.154, 340.613



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52, 24.134, 342.325



63, 35.898, 343.000



51, 19.973, 15.425



31, 4.525, 340.507



30, 56.347, 354.371



1, 5.744, 341.309

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



52, 24.134, 342.325



63, 35.898, 343.000



61, 16.893, 190.362



31, 4.525, 340.507



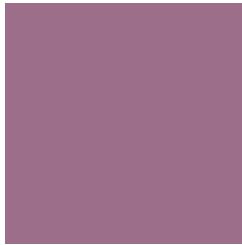
30, 56.347, 354.371



1, 5.744, 341.309

Previews

White Background



This preview shows how the CIELCh color 52, 24.136, 342.324 looks on a white background.

Color Contrast Check

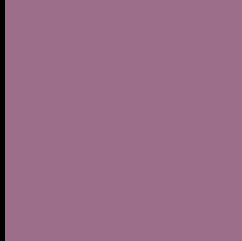
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 52, 24.136, 342.324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

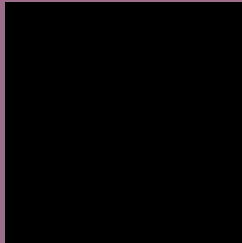
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 24.136, 342.324

Background



This preview shows how black text looks on a background with the CIELCh color 52, 24.136, 342.324.



This preview shows how white text looks on a background with the CIELCh color 52, 24.136, 342.324.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


52, 24.136, 342.324

Protanopia

52, 13.384, 287.121

Deuteranopia

52, 9.065, 316.589



Tritanopia
52, 17.958, 6.817

Trichromacy



Original Color
52, 24.136, 342.324

Protanomaly
52, 15.704, 313.204

Deuteranomaly
52, 14.291, 330.595

Tritanomaly
52, 19.812, 356.113

Monochromacy



Original Color
52, 24.136, 342.324

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 8.932, 340.075

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 24.136, 342.324 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(157, 110, 137)` looks like.

```
.text, #text, p{  
    color:rgb(157, 110, 137)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(157, 110, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 110, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 24.136, 342.324 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 110, 137) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(157, 110, 137) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(157, 110, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 110, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 110, 137);  
box-shadow:4px 4px 4px 4px rgb(157, 110,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 24.136, 342.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 110, 137) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(157,  
110, 137) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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